

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A portable viewing and computing apparatus comprising:
  - a bus;
  - a memory unit coupled to said bus for storing data and instructions;
  - a processor coupled to said bus for processing said data and instructions;
  - a display device coupled to said bus and comprising a viewing panel viewable from a front side and a back side, ~~wherein said front and back sides have a fixed orientation with respect to each other and wherein a first set of text is displayable on said front side and a second set of text is displayable on said back side wherein said second set of text is sequential to said first set of text; and~~
  - a display device controller coupled to said bus and for sensing orientation and rotation of said display device, and in response thereto ~~for displaying a third set of text on said front side in replacement of said first set of text wherein said third set of text is sequential to said second set of text~~ controlling said display device to display a given portion of information on a given side facing a user, and in response to each of a plurality of rotations in a first direction displaying a corresponding next portion of said information on the given side facing said user.

2-4. (Canceled).

5. (Currently Amended). The portable viewing and computing system as recited in Claim 1 wherein said display device controller ~~senses and responds to said rotation of said display device, such that a rotation of said display device in a direction causes said display device controller to render data thereon a forward facing side, and a rotation in opposition to said direction causes said display device controller to re-render data previously rendered thereon a forward facing side~~ is also for controlling said display device in response to each of a plurality of rotations in a second direction to display a corresponding previous portion of said information on the given side facing said user.

6. (Original) The portable viewing and computing system as recited in Claim 1 wherein said data, stored in said memory, is of an amount greater than can be displayed on a single side of said display device.

7. (Original) The portable viewing and computing system as recited in Claim 1 wherein said rotation of said display device is about a vertical axis and about a horizontal axis.

8. (Original) The portable viewing and computing system as recited in Claim 1 is further comprising a communication device coupled to said bus, said communication device for providing communication enablement to said portable viewing and computing apparatus.

9. (Original) The portable viewing and computing system as recited in Claim 1 is further comprising a data storage device adapted to receive SD (secure digital) cards and MMC (multimedia card) and memory sticks.

10. (Original) The portable viewing and computing apparatus as recited in Claim 8 wherein said communication device is a wireless modem.

11. (Currently Amended) The portable viewing and computing apparatus as recited in Claim ~~9~~8 wherein said wireless modem is Bluetooth enabled.

12. (Original) The portable viewing and computing apparatus as recited in Claim 1 wherein said display device is transparent.

13. (Currently Amended) A system of portable computers comprising:  
a portable computer system comprising a receiving slot configured with a first hinge interface connector disposed therein and adapted to receive a second hinge interface connector;  
and

a portable viewing and computing apparatus comprising:

a bus;

a memory unit coupled to said bus for storing data and instructions;

a processor coupled to said bus for processing said data and said instructions;

a display device coupled to said bus and comprising a viewing panel viewable from a front side and a back side ~~wherein said front and back sides have a fixed orientation with respect to each other and wherein a first set of text is displayable on said front side and a second set of text is displayable on said back side wherein said second set of text is sequential to said first set of text;~~

a display device controller coupled to said bus, said display device controller for sensing orientation and rotation of said display device and for displaying ~~a third set of text on said front side in replacement of said first set of text wherein said third set of text is sequential to said second set of text~~ a given portion of information on a given side facing a user, and displaying a corresponding next portion of said information on a corresponding side facing said user in response to each of a plurality of rotations from one side to the other of said viewing panel in a first direction; and

said second hinge interface connector adapted to provide communicative coupling of said portable viewing and computing apparatus with said portable computer system, provided said second hinge interface connector is inserted in said receiving slot of said portable computer system, such that said first hinge interface connector is contacted with said second hinge interface connector.

14-16. (Canceled).

17. (Currently Amended) The system as recited in Claim 13 wherein said display device controller ~~senses and responds to said rotation of said display device, such that a rotation of said display device in a direction causes said display device controller to render data, stored in said memory of said portable viewing and computing apparatus, thereon a forward facing side, and a rotation in opposition to said direction causes said display device controller to re-render data, stored in said memory of said portable viewing and computer apparatus, previously rendered thereon a forward facing side~~ is also for displaying a corresponding previous portion of said information on a corresponding side facing said user in response to each of a plurality of rotations from one side to the other of said viewing panel in a second direction.

18. (Original) The system as recited in Claim 13 wherein said data, stored in said memory of said portable viewing and computing apparatus, is of an amount greater than can be displayed on a single side of said display device.

19. (Original) The system as recited in Claim 13 wherein said rotation of said display device of said portable viewing and computing apparatus is about a vertical axis and about a horizontal axis.

20. (Original) The system as recited in Claim 13 wherein said portable viewing and computing system further comprises a data storage device adapted to receive SD (secure digital) cards and MMC (multi-media) cards and memory sticks.

21. (Original) The system as recited in Claim 13 wherein said portable viewing and computing system further comprises a communication device coupled to said bus, said communication device for providing communication enablement to said portable viewing and computing apparatus.

22. (Original) The system as recited in Claim 21, wherein said communication device is a wireless modem.

23. (Original) The system as recited in Claim 21 wherein said wireless modem is Bluetooth enabled.

24. (Original) The system as recited in Claim 12 wherein said display device of said portable viewing and computing apparatus is transparent.

25. (Currently Amended) A method for displaying data on a display device of a portable viewing and computing apparatus, said method comprising ~~the steps of:~~

displaying a given portion of said data on a given one of a first and a second side of said portable viewing and computing apparatus;

sensing each of a plurality of rotations of said display device, from one of said first and second sides to the other of said first and second sides, in a first direction; and

displaying a corresponding next portion of said data on a corresponding one of said first and a second sides facing a user, in response to each of said plurality of rotations in said first direction

~~— a) rotating said portable viewing and computing apparatus, in a direction, so as to cause rendering of a first set of data on a first side of said display device of said portable viewing and computing apparatus;~~

~~— b) rotating said portable viewing and computing apparatus in said direction so as to cause rendering of a second set of data on a second facing side of said display device of said portable viewing and computing apparatus wherein said first side and said second facing side have a fixed orientation with respect to each other and wherein said second set of data is sequential to said first set of data;~~

~~— c) rotating of said portable viewing and computing apparatus in said direction so as to cause rendering of a third set of data on said first facing side of said display device of said portable viewing and computing apparatus in replacement of said first set of data wherein said third set of data is sequential to said second set of data; and~~

~~— wherein said first facing side and said second facing side are different sides of said display device of said portable viewing and computing apparatus.~~

26. (Currently Amended) The method for displaying data as recited in Claim 25 further comprises the steps of:

sensing each of a plurality of rotations of said display, from one of said first and second sides to the other of said first and second sides, in a second direction; and

displaying a corresponding previous portion of said data on a corresponding one of said first and said second sides facing said user, in response to each of said plurality of rotations in said second direction.

~~— d) rotating in opposition to said direction said portable viewing and computing apparatus so as to cause re-rendering of said second data on second side of said portable viewing and computing apparatus.~~

27. (Currently Amended) The method for displaying data as recited in Claim 25 wherein said first and second directions of rotation are rotating of said step a) is about a vertical axis.

28. (Currently Amended) The method for displaying data as recited in Claim 25 wherein said first and second directions of rotation are rotating in said step a) is about a horizontal axis.

29. (Original) The method for displaying data as recited in Claim 25 wherein said data, stored in said memory of said portable viewing and computing apparatus, is of an amount greater than can be displayed on a single side of said display device of said portable viewing and computing apparatus.

30. (New) The method for displaying data as recited in Claim 25 further comprising:



sensing each of a plurality of rotations of said display device, from one of said first and second sides to the other of said first and second sides, in a third direction;

displaying a corresponding next portion of said information on a corresponding one of said first and second sides facing said user, in response to each of said plurality of rotations in said third direction;

sensing each of a plurality of rotations of said display, from one of said first and second sides to the other of said first and second sides, in a fourth direction; and

displaying a corresponding previous portion of said data on a corresponding one of said first and said second sides facing said user, in response to each of said plurality of rotations in said fourth direction; and

wherein an axis of said first and second directions of rotation are substantially perpendicular to an axis of said third and fourth directions of rotation.

31. (New) The method for displaying data as recited in Claim 25 further comprising:

sensing an orientation of said display device;

displaying said data in a landscape orientation when said display device is in a substantially horizontal orientation; and

displaying said data in a portrait orientation when said display device is in a substantially vertical orientation.

32. (New) The portable viewing and computing apparatus as recited in Claim 1, wherein said display device controller is also for controlling said display device to display said given portion of information on said given side facing said user in a first viewing orientation, and in response to a change from a first orientation to a second orientation of said display controlling said display device to display said given portion of information on said given side facing said user in a second viewing orientation.